

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S169	10207	385/123-132.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 18:37
S170	4400	385/129-132.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 18:37
S171	5408	(holes cavities apertures voids) with clad\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:04
S172	162	S170 and S171	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:04
S173	55	S172 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:06
S174	13495	(holes cavities apertures voids air dielectric) with clad\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:16
S175	659	S170 and S174	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:15
S176	15641	385/31-50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:05
S177	194	S175 and S176	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:05

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S17 9	181	S177 not S173	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:05
S18 1	50	S179 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:15
S18 2	1039	S176 and S174	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 19:15
S18 4	69	S182 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with (core slab) with (holes cavities apertures voids air dielectric))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:38
S18 5	60	S184 not (S173 S181)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S18 6	1118	((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 transfer\$4 scatter\$4) with (core slab) with (holes cavities apertures voids microstructures))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 20:39
S18 7	12530	clad\$4 with (holes cavities apertures voids microstructures)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 20:40
S18 9	1228	clad\$4 with (holes cavities apertures voids microstructures) with (array\$3 plural\$4 multipl\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 20:40
S19 0	104	S186 and S189	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 20:40
S19 1	4400	385/129-132.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 20:41

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S19 2	5408	(holes cavities apertures voids) with clad\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:52
S19 3	162	S191 and S192	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S19 4	55	S193 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S19 5	13495	(holes cavities apertures voids air dielectric) with clad\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S19 6	659	S191 and S195	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S19 7	15641	385/31-50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S19 8	194	S196 and S197	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S19 9	181	S198 not S194	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S20 0	50	S199 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41
S20 1	1039	S197 and S195	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:41

## EAST Search History

S20 2	69	S201 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with (core slab) with (holes cavities apertures voids air dielectric))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:04
S20 3	165	S202 S194 S200	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 20:42
S20 4	92	S190 not S203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:06
S20 5	221	(light beam signal) with (exit\$4 couple\$3 escap\$4 leav\$4 scatter\$5 vertical\$4) with (core slab (light adj guide) light\$1guide) with (holes cavities apertures voids microstructures) with (clad\$4 cover\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 21:07
S20 7	319	(light beam signal) with (exit\$4 couple\$3 escap\$4 leav\$4 scatter\$5 vertical\$4) with (core slab (light adj guide) light\$1guide waveguide) with (holes cavities apertures voids microstructures) with (clad\$4 cover\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 21:24
S20 8	277	S207 not (S203 S204)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:25
S20 9	112	S208 and ("385"/\$.ccls. "362"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:26
S21 0	193	((light beam signal) with (exit\$4 couple\$3 escap\$4 leak\$4 scatter\$5 vertical\$4 pass\$4 transfer\$5) with (core slab (light adj guide) light\$1guide waveguide) with (holes cavities apertures voids microstructures grooves pinholes) with (clad\$4 cover\$4)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 21:27

## EAST Search History

S21 2	133	S210 not (S203 S204 S209)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:28
S21 3	12	S212 and ("385"/\$.ccls. "362"/\$. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:28
S21 4	923	(light beam signal) with (exit\$4 couple\$3 escap\$4 leak\$4 scatter\$5 vertical\$4 pass\$4 transfer\$5) with (core slab (light adj guide) light\$1guide waveguide) with (holes cavities apertures voids microstructures grooves pinholes) with (clad\$4 cover\$4 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/21 21:27
S21 5	334	S214 and ("385"/\$.ccls. "362"/\$. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:28
S21 6	166	S215 not (S203 S204 S209 S213)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 21:28
S21 7	403	(holes cavities apertures voids) with clad\$4 with light\$4 with (coupl\$5 exit\$5 escap\$5 leak\$5 vertical\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 11:02
S21 8	1118	((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 transfer\$4 scatter\$4) with (core slab) with (holes cavities apertures voids microstructures))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53
S21 9	1228	clad\$4 with (holes cavities apertures voids microstructures) with (array\$3 plural\$4 multipl\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53
S22 0	104	S218 and S219	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53

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S22 1	4400	385/129-132.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53
S22 2	5408	(holes cavities apertures voids) with clad\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S22 3	162	S221 and S222	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S22 4	55	S223 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S22 5	13496	(holes cavities apertures voids air dielectric) with clad\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S22 6	659	S221 and S225	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S22 7	15641	385/31-50.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S22 8	194	S226 and S227	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S22 9	181	S228 not S224	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S23 0	50	S229 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53

## EAST Search History

S23 1	1039	S227 and S225	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S23 2	69	S231 and ((light beam signal) with (exit\$4 couple\$3 guide\$3 escap\$4 leav\$4) with (core slab) with (holes cavities apertures voids air dielectric))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S23 3	165	S232 S224 S230	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S23 4	92	S220 not S233	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S23 5	319	(light beam signal) with (exit\$4 couple\$3 escap\$4 leav\$4 scatter\$5 vertical\$4) with (core slab (light adj guide) light\$1guide waveguide) with (holes cavities apertures voids microstructures) with (clad\$4 cover\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53
S23 6	277	S235 not (S233 S234)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S23 7	112	S236 and ("385"/\$.ccls. "362"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S23 8	193	((light beam signal) with (exit\$4 couple\$3 escap\$4 leak\$4 scatter\$5 vertical\$4 pass\$4 transfer\$5) with (core slab (light adj guide) light\$1guide waveguide) with (holes cavities apertures voids microstructures grooves pinholes) with (clad\$4 cover\$4)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53
S23 9	133	S238 not (S233 S234 S237)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53

## EAST Search History

S24 0	12	S239 and ("385"/\$.ccls. "362"/\$. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:54
S24 1	923	(light beam signal) with (exit\$4 couple\$3 escap\$4 leak\$4 scatter\$5 vertical\$4 pass\$4 transfer\$5) with (core slab (light adj guide) light\$1guide waveguide) with (holes cavities apertures voids microstructures grooves pinholes) with (clad\$4 cover\$4 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 10:53
S24 2	334	S241 and ("385"/\$.ccls. "362"/\$. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:53
S24 3	166	S242 not (S233 S234 S237 S240)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 10:54
S24 4	164	S217 and ("385"/\$.ccls. "362"/\$. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:02
S24 5	48	S244 not (S233 S234 S237 S240 S243).	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:03
S24 8	689	((holes cavities apertures voids) with clad\$4 with light\$4).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 11:03
S24 9	170	S248 and ("385"/\$.ccls. "362"/\$. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:03
S25 0	88	S249 not (S233 S234 S237 S240 S243 S245)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:33



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S25 1	77998	"362"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:31
S25 2	14866	(core plate guide light\$1guide waveguide) with (holes cavities apertures voids micro\$2structures trenches grooves) with light\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:34
S25 3	1505	S251 and S252	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:32
S25 4	194822	(holes cavities apertures voids micro\$2structures trenches grooves) with (clad\$4 cover\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:33
S25 5	305	S253 and S254	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:33
S25 6	285	S255 not (S233 S234 S237 S240 S243 S245)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:33
S25 7	284	S256 not S250	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:33
S25 8	541613	(core plate guide light\$1guide waveguide) with (clad\$4 cover\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:34
S25 9	239	S257 and S258	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 11:35
S26 0	84	S259 and (light with vertical\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 15:56

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S26 1	4400	385/129-132.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/22 15:57
S26 2	6	S261 and (clad\$4 with hole with light).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 15:57
S26 3	30	S261 and (clad\$4 with holes with light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 16:00
S26 4	3	"385"/\$.ccls. and (clad\$4 with holes with light with slab)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 16:02
S26 5	140	"385"/\$.ccls. and (clad\$4 with holes with light with core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 16:03
S26 6	122	S265 not S263	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/22 16:03
S26 7	32	(core and clad\$4 and cavities and optic\$3 and dielectric).clm.	US-PGPUB	OR	ON	2007/04/23 22:05
S26 8	1	2004-652674.NRAN.	DERWENT	OR	OFF	2007/04/23 22:29